

Remarks

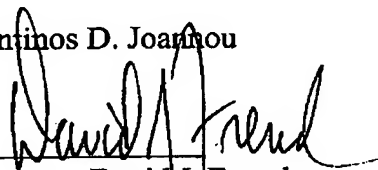
Claims 2, 4, 5, 8, 9, 10 and 11 have been canceled. New claims 12 to 17 have been added. This response corrects the amendments made to the claims by showing the canceled claims as "canceled" only and not by reciting the entire claim.

Accordingly, reconsideration and a favorable ruling by the examiner is requested.

Respectfully submitted,

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Per



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Schedule 1 to Response of Oct 15, 2004

1. (Amended) A battery operated ionizer comprising:
  - a) ~~[a battery connected to provide low voltage current to]~~ an electrical circuit adapted to be powered by a low-voltage current supplied by a battery;
  - b) an oscillator circuit within the electrical circuit to be powered by the low-voltage current supplied by the battery for driving a voltage conversion circuit to provide an ionizing voltage to an output capacitor means;
  - c) an ion-emitter connected to receive charge from the voltage conversion circuit and output capacitor means; and
  - d) a second electrode means to provide for a counter-electrode connected to said electrical circuit, to induce the emission of ions from the ion-emitter,

wherein said oscillator produces intermittent oscillations such that the voltage established at the output capacitor means is an ionizing voltage and wherein, ion emission continues from said ion-emitter during the time the oscillator is not producing oscillations, supplied by charge from the output capacitor means.

2.(Canceled)

3.(Amended) An ionizer as in claim 1 ~~2~~ wherein the voltage conversion circuit comprises a high voltage step-up transformer and the output capacitor means comprises a diode-capacitor multiplier network driven by the transformer for producing said ionizing voltage.

4. (Canceled)

5. (Canceled)

6.( Amended ) An ionizer as in claim 1 wherein said second electrode means comprises comprising a conductive connection means whereby a human body may become electrically connected to said electrical circuit to serve as the a counter electrode.-

7.(Amended) An ionizer as in claim 6 ~~1~~ wherein said conductive connection means is a conductive strap that supports the ionizer as a pendant.

8. (Canceled)

9. (Canceled)

10. (Canceled)

11. (Canceled)

12.(New) A battery-operated ionizer comprising:

- a) an electrical circuit adapted to be powered by a low-voltage current supplied by a battery;
- b) an oscillator circuit within the electrical circuit powered by the low-voltage current supplied by the battery;
- c) a voltage conversion circuit connected to the oscillator circuit to provide an ionizing voltage to an output capacitor means;
- d) an ion-emitter connected to receive charge from the voltage conversion circuit and output capacitor means, and
- e) a conductive connection means whereby a human body may become electrically connected to said electrical circuit to serve as a counter electrode to induce emission of ions by the ion-emitter.

13.(New) An ionizer as in claim 12 wherein said conductive connection means is a conductive strap that supports the ionizer as a pendant.

14.(New) An ionizer as in claim 12 wherein the voltage conversion circuit comprises a diode-capacitor multiplier network driven by a transformer for producing said ionizing voltage.

15.(New) An ionizer as in claim 12 wherein said oscillator produces intermittent oscillations such that the voltage established at the output capacitor means is an ionizing voltage and wherein, ion emission continues during the time the oscillator is not producing oscillations, supplied by charge from the output capacitor means.

16.(New) An ionizer as in claim 13 wherein said oscillator produces intermittent oscillations such that the voltage established at the output capacitor means is an ionizing voltage and wherein, ion emission continues during the time the oscillator is not producing oscillations, supplied by charge from the output capacitor means.

17.(New) An ionizer as in claim 14 wherein said oscillator produces intermittent oscillations such that the voltage established at the output capacitor means is an ionizing voltage and wherein, ion emission continues during the time the oscillator is not producing oscillations, supplied by charge from the output capacitor means.